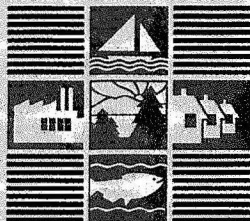


Industrial Pretreatment Quarterly



Published for Industrial Dischargers by the King County Industrial Waste Program

VolumeXVIV
Issue 1
March 2002

March 2002 Issue Contents:

- 2001 Winners of Industrial Waste Rewards and Recognition Program.
- Industrial Waste to issue discharge authorizations to hospitals.
- Industrial Waste fees are set for 2002.
- Hazardous waste questions and answers.
- Recent enforcement actions.

Issues of this newsletter are posted and archived at <http://dnr.metrokc.gov/wlr/indwaste/publicat.htm>

2001 Winners of Industrial Waste Rewards and Recognition Program

The King Industrial Waste Program has announced the winners in the 2001 Rewards and Recognition Program. Each year, the Industrial Waste Program recognizes significant industrial users of the sewer system that have maintained an excellent record of compliance with rules and regulations for the previous calendar year.

The program honors the companies with one or more of the following awards:

- **Commitment-to-Compliance Award**
- **Gold Certificate**
- **Silver Certificate**
- **EnvirOvation Award**

The Program recognized The Boeing Commercial Airplane Group, Bunge Foods, The Burlington Northern/Sante Fe Railroad Company, Crane-Eldec Corporation and numerous others. All winners are listed at the end of this article.

The **Commitment-to-Compliance Award** honors companies that have received a Gold Certificate for five consecutive years.

To win the **Gold Certificate**, a company must have discharged wastewater during a minimum of twelve months of the calendar year (January through December) from at least one of its sites and have no violations of any kind (discharge, permit, ordinance, reporting, self-monitoring, or King County monitoring).

The **Silver Certificate** recognizes companies that have had no King County monitoring violations, but have had a limited number of self-monitoring violations. The number of violations a company may have and still be eligible for the Silver Certificate depends upon the frequency of its required self-monitoring and the duration of its discharge as shown in the table below.

Companies were ineligible for either the Gold or Silver Certificate if they discharged for less than six months of the year or did not have a waste discharge permit for all of 2001. A company with a violation resulting in significant noncompliance (SNC) or monetary penalties is ineligible for the Silver Certificate. Self-monitoring must be of a type other than flow

Hospital Waste Discharge Authorizations:

See Page Two for news on this important topic.



monitoring or polar FOG monitoring to be eligible for an award.

The **EnviroVation Award** is given to companies that have voluntarily implemented an innovative pollution prevention strategy, significantly updated their pretreatment equipment or methods, significantly reduced their water use, or significantly reduced the amount of wastes being discharged to King County. This award can be self-nominated or nominated by the Industrial Waste Program. The winners of the 2001 EnviroVation Award will be announced in April.

Recipients of all awards will receive them in April 2002, King County Earth Month. If you have any questions regarding the awards or the Rewards and Recognition Program, please contact Kristin Painter at (206) 263-3002.

Rewards and Recognition Program Criteria

Companies Discharging all 12 months of the Calendar Year

Self-Monitoring Frequency	Number of Samples Per Year In Violation
Monthly	1
Bimonthly	2
Weekly	3
Daily	4

Companies Discharging 6 to 12 months of the Calendar Year

Self-Monitoring Frequency	Number of Samples Per Year In Violation
Monthly	0
Bimonthly	0
Weekly	1
Daily	2

COMMITMENT-TO-COMPLIANCE AWARD

Boeing Commercial Airplane Group - North Field (Seattle)
Bunge Foods (Seattle)
Burlington Northern/Santa Fe Railroad Company (Seattle)
Crane-Eldec Corporation - Martha Lake Facility (Bothell)

GOLD AWARD

A. O. Smith Water Products Company (Renton)
Alaskan Copper Works (Seattle)
Arco Products Company - Seattle Terminal (Seattle)
Avtech Corporation (Seattle)
B.S.B. Diversified Company (Kent)
Boeing Commercial Airplane Group - North Field (Seattle)
Boeing Commercial Airplane Group - Plant II Facility (Tukwila)
Boeing Commercial Airplane Group - Renton
Boeing Information, Aircraft & Missile Systems - Renton Electronics Center (Renton)
Bunge Foods (Seattle)
Burlington Northern/Santa Fe Railroad Company (Seattle)
Carl Zapffe, Inc. (Seattle)
Carnitech US, Inc. (Seattle)
Circuit Partners, Inc. (Issaquah)
Circuit Services Worldwide LLC (Bellevue)
Coal Creek Development Corp. - Landmarc Technologies (Newcastle)
Crane-Eldec Corporation - Martha Lake Facility (Lynnwood)
Crane-Eldec Corporation - North Creek Facility (Bothell)
Davis Wire Corporation (Kent)
Emerald Pharmaceutical (Seattle)
Flow International Corporation (Kent)
Foss Maritime Company (Seattle)
General Dynamics OTS Aerospace, Inc. (Redmond)
Genie Industries - Z45 Plant, Bldg. 5 (Redmond)
GM Nameplate, Inc. (Seattle)
Green Garden Food Products, Inc. (Kent)
Hytek Finishes Company (Kent)
I-90 Express Finishing (Redmond)
IFCO Systems (Seattle)
Industrial Plating Corporation (Seattle)
Interstate Brands Corporation - Hostess (Seattle)
Island Spring, Inc. (Vashon Island)
Kenworth Truck Company - Renton
King County CIP - South Interceptor Parallel Phase III (Tukwila)
King County CIP - Swamp Creek (Kenmore)
Magnetic & Penetrant Services Company, Inc. (Seattle)
Marco Shipyard Seattle, Inc. (Seattle)
Mastercraft Metal Finishing, Inc. (Seattle)
Oberto Sausage Company - Airport Way (Seattle)

Precor USA - Plant I (Woodinville)
 Precor USA - Plant II (Woodinville)
 Quala Systems (Kent)
 Quality Finishing, Inc. (Kirkland)
 Rabanco Recycling (Seattle)
 Safeway, Inc. - Beverage Plant (Bellevue)
 Seattle Barrel Company (Seattle)
 Seattle Solid Waste - Kent Highlands Landfill (Kent)
 Silicon Designs, Inc. (Issaquah)
 Skills, Inc. - Auburn
 Smith Fabrication, Inc. (Kent)
 Time Oil Company (Seattle)
 Universal Brass, Inc. (Auburn)
 Universal Sheet Metal, Inc. (Woodinville)
 Vectra Fitness (Redmond)
 Western Pneumatic Tube Company (Kirkland)
 Willamette Industries (Bellevue)

SILVER AWARD

ATL Ultrasound (Bothell)
 Ball Metal Beverage Container Corporation (Kent)
 Baker Commodities, Inc. (Tukwila)
 Boeing Aircraft & Missile Systems - Kent
 Burlington Environmental - Kent
 Cedar Grove Composting, Inc. (Maple Valley)
 Emerald Petroleum Services (Seattle)
 Fuji TruColor (Kent)
 Genie Industries - Bldgs. 3 & 4 (Redmond)
 Genie Industries - Moosewerks Plant, Bldg. 2 (Redmond)
 Immunex Corporation - Bothell
 King County Solid Waste - Cedar Hills Landfill (Maple Valley)
 Northstar Beverage (Kent)
 Oberto Sausage Company - Kent
 Pacific Propeller (Kent)
 Pepsi-Cola Company (Seattle)
 Philip Environmental Corp. - Georgetown (Seattle)
 Photoworks Manufacturing, Inc (Seattle)
 Puget Sound Energy, Inc. (Kent)
 Siemens Medical Solutions, Inc. (Issaquah)
 Surftex Finishes Company, Inc. (Kent)
 TTM Technologies, Inc. (Redmond)
 Western Metal Arts (Kent)
 Western Processing Trust Fund II (Kent)
 WestFarm Foods - Issaquah

Industrial waste to issue discharge authorizations to hospitals

In mid March 2002, King County Industrial Waste will issue a DRAFT minor discharge authorization to local area hospitals that discharge into the King County Sewer System. Currently, hospitals discharge wastes without any written authorization or permit, however, this practice puts hospitals at risk to enforcement by the Washington State Department of Ecology.

These written authorizations would ensure that hospital discharges meet King County's local discharge limits, which are intended to protect the public's investment in wastewater facilities. The written authorizations will contain Best Management Practices (BMP's) and will outline the requirements to meet King county's local limits.

Hospitals and the general public will be given the opportunity to comment on the proposed minor discharge authorization, either by attending a public meeting to be held April 3, 2001, at the 130 Nickerson Street Canal Place office, Room 105 or in writing. The proposed draft minor discharge authorization will also be posted on the King County Industrial Waste's Web site <http://dnr.metrokc.gov/wlr/indwaste/>.

Site visits performed jointly by King County Industrial Waste staff and King County Local Hazardous Waste Management Program staff have taken place at most of the hospitals in King County over the past 2 years. Areas of the hospitals inspected included cytology, histology, microbiology, radiology, pathology, janitorial services, hazardous waste storage/accumulation

Continued on next page

You are invited to visit the Industrial Waste Program Web site:

Our Web site presents valuable information to educate dischargers and the general public on pollution prevention, waste reduction and water reuse. Find our home page at <http://dnr.metrokc.gov/wlr/indwaste/>
 From there you are a click away from topics such as "Discharge limits," "Discharge approvals" and "Improving Water Quality and Biosolids." "Useful Links" offers additional resources and "News" provides updates. We hope that you enjoy our Web pages, and welcome you to send any suggestions on improving our site by emailing west.dana@metrokc.gov.

areas and in some cases paint shops, nutrition services and dialysis. Results of the site visits were mixed. Hospitals varied in the degree and quality that they managed their wastestreams.

Timeline for the Hospital Discharge Authorization Project:

March 13, 2002 King County forwarded a draft written authorization to participating hospitals. Hospitals have 30 days to respond with written comments.

April 3, 2002 King County will hold a public hearing at which hospitals, environmental groups, and other interested parties can comment on the proposed authorization.

April 19, 2002 King County will bill participating hospitals for issuing the written authorization. The cost for a 5-year minor authorization is \$900. Hospitals will have 30 days to pay.

May 31, 2002 King County will issue the final authorization to the hospitals.

The following hospitals are participating in the program:

Children's Hospital and Regional Medical Center
Dynacare Laboratories
Evergreen Hospital
Group Health Cooperative (Central Hospital)
Group Health Cooperative (Eastside Hospital)
Harborview Medical Center
Northwest Hospital
Overlake Hospital Medical Center
Providence Seattle Medical Center
Swedish Health Services
Swedish Medical Center/Ballard Campus
University of Washington Medical Center
Valley Medical Center
Virginia Mason Medical Center

Industrial Waste fees are set for 2002

Fees charged industrial users for the types of waste they discharge to the sewer system recover approximately 65-70% of the Industrial Waste Program budget; the King County sewage-treatment fee pays for the rest.

Each year, Industrial Waste reviews all of the fees shown in the table below that compares our 2001 fees with the new ones for 2002. Our intent is to recover the exact costs of operating the fee programs listed in the table.

We recover the costs for treating high-strength wastewater by applying a surcharge to wastes that have a biochemical oxygen demand greater than 300 mg/l and total suspended solids greater than 400 mg/l. The surcharge includes an administrative charge that recovers costs of sampling, analysis, inspection, and billing high-strength dischargers.

We also recover costs for monitoring discharges for heavy metals and fats, oils, and grease. Charges recover all costs of inspecting and sampling companies with such discharges.

The post-violation program is designed to recover inspection and monitoring costs from out-of-compliance facilities. Because violating companies require more attention than companies in compliance, post-violation fees put the economic burden on companies that cause the extra costs.

Industrial Waste also recovers costs for inspecting and drafting permits and discharge authorizations.

The unit charges of fees shown on the table are affected by several factors, including the following year's predicted expenditures and the previous year's actual expenditures.

A Comparison of 2001 Fees with 2002 Fees

	2001 Fees	2002 Fees
High Strength Surcharge		
Biochemical Oxygen Demand (BOD)	\$0.123619/pound	\$0.165329/pound
Total Suspended Solids (TSS)	\$0.208635/pound	\$0.273683/pound
Monitoring Charges		
Heavy metals	\$0.001064/gallon	\$0.001134/gallon
Fats, Oils, and Grease	\$0.000260/gallon	\$0.000185/gallon
Permit Fees		
Waste Discharge Permit	\$1,430.00	\$1,830.00
Discharge Authorization		
Major—New	\$940.00	\$1,200.00
Major—Renewal	\$705.00	\$900.00
Minor—New	\$705.00	\$900.00
Minor—Renewal	\$705.00	\$900.00
Post Violation Fees		
Metals Grab	\$105.00	\$120.00
Metals Composite	\$245.00	\$280.00
PH Grab	\$95.00	\$110.00
PH Continuous (Installation)	\$85.00	\$100.00
pH Continuous (Per week of operation)	\$85.00	\$100.00
FOG Set	\$285.00	\$305.00
VOA Grab	\$245.00	\$260.00
VOA Composite	\$340.00	\$370.00
BNA Grab	\$390.00	\$405.00
BNA Composite	\$530.00	\$565.00
Cyanide Grab	\$140.00	\$160.00
Cyanide Composite	\$250.00	\$280.00
Mercury Grab	\$120.00	\$130.00
Mercury Composite	\$260.00	\$290.00
BOD	\$275.00	\$310.00
TSS	\$245.00	\$280.00
Enforcement Action	\$760.00	\$865.00
Inspection	\$200.00	\$225.00

Hazardous waste questions and answers

The following questions and answers are reprinted from the Washington State Department of Ecology's *Hazardous Waste Shoptalk*, Autumn 2001 issue. The King County Industrial Waste staff has encountered numerous occasions where they've seen chemical/material spills at industrial facilities, so we believe the following "Q and A" may be helpful to you:

Q What are the reporting requirements if my company spills hazardous waste into the water or onto the ground?

A Ecology must be notified when any amount of regulated waste or hazardous material (including oil) that poses a threat to human health or the environment is released to the air, land, or water (see WAC 173-303-145). This reporting requirement goes beyond the [Comprehensive Environmental Response, Compensation and Liability Act] CERCLA requirements to report releases of "reportable quantities." Depending on the type or release and the quantity released, reporting to other agencies may also be required. You'll also need to check with your local fire department or local emergency management committee on reporting requirements. In some cases, releases onto a paved parking area or within secondary containment that are immediately controlled and cleaned up may not require reporting, but when in doubt, call it in.

Q How should a spill/release notification be made?

A First, call 911 if there is an immediate threat to human health requiring medical aid or possible evacuation (i.e., a toxic gas cloud or a chemical fire). Then, if the spill gets into the water in any quantity OR if it gets on the ground or into the air and is above the CERCLA "reportable quantity" call all of the following: National Response Center at (800) 424-8802; Washington state Emergency Management Division (EMD) at (800) 258-5990 or (800) OILS-911; and your Department of Ecology Regional Office (the number for the Northwest Regional Office in Bellevue is [206] 649-7000). If the release is onto the ground or into the air and is below the CERCLA "reportable quantity" call EMD and Ecology-you do not need to call the National Response Center. In all cases, remember to also contact the local authorities based on the local emergency plan.

Q What happens when I report a spill?

A The response to a spill notification depends on a number of factors, such as the type, amount and location of material spilled, threats posed to people and the environment, and the cause of the spill. Ecology Spill Response staff will assure that appropriate response actions are taken by the responsible party or a contractor acting on their behalf. Once a spill is controlled and contained and cleanup process begins, Ecology will direct how much cleanup needs to be done and assist with disposal options.

If you have questions, contact your nearest regional office.

Publication of recent enforcement actions

This publication reports companies that were the subject of enforcement actions during the period of December 2001 through February 2002 (or have not been published previously) and their violations met one or more of the following criteria:

Were found in significant noncompliance during the reporting period;

Received fines; or

Had violations that were unique or warrant special attention.

Companies Receiving Fines

Company	Nature of Violation/Type of Pollutant	Penalty	Comments
Da Vinci Gourmet, Ltd 7224 First Avenue South Seattle, Washington 98108	Failure to file a required report prior to the date specified in the final notice	\$300 fine	Da Vinci Gourmet, Ltd. Filed the report 3 days late, incurring a \$300 fine. No further action was required.
Metro Transit South Base 12100 East Marginal Way South Tukwila, Washington 98168	Discharge of material causing Interference with treatment Discharge of material capable of creating a hazard Failure to follow emergency response procedures	\$ 9,302 fine, post-violation charge, and compliance order	Metro Transit South Base held training sessions to review emergency response procedures and made additional spill prevention and containment improvements

In addition to the above actions, King County Industrial Waste also issued enforcement actions for the following: Cadmium (2), Discharging without proper permits (1), Discharging without proper authorization on site (1), Failure to perform self-monitoring (1).

This information is available on advance request in accessible formats for persons with disabilities. Please call 206-263-3000 or TTY relay service at 1-800-833-6388.



KING COUNTY

**Industrial Waste Program
Wastewater Treatment Division
130 Nickerson St., Suite 200
Seattle, WA 98109-1658**

RETURN SERVICE REQUESTED

PRSRT STD
U.S. POSTAGE
PAID
SEATTLE, WA
PERMIT NO. 01605

James Brown
Alaskan Copper Works
P.O. Box 3546
Seattle, WA 98124

98124+3546

